

Southern Region Runway Safety Program Annual Report – FY10

Runway Incursion – “Any occurrences at an aerodrome involving the incorrect presence of an aircraft, vehicle, or person on the protected area of a surface designated for the landing and takeoff of aircraft”.

Runway Incursions - FY-10			Runway Incursions - FY-09		
LOB	Type	Total	LOB	Type	Total
ATO	Operational Errors	34	ATO	Operational Errors	29
FS	Pilot Deviations	118	FS	Pilot Deviations	106
ARP	Veh/Ped Deviations**	21**	ARP	Veh/Ped Deviations	33**
Total		173	Total		168

**** Note: For FY09, 6 of the 33 Veh/Ped Deviations were caused by Certificated Maintenance Technicians and investigated by Flight Standards. These 6 RIs do not count against ARP totals, but fall under Flight Standards.**

17% INCREASE in Operational Errors

11% INCREASE in Pilot Deviations

36% DECREASE in Vehicle Pedestrian Deviations

03% INCREASE OVERALL IN TOTAL NUMBER OF RIs

FY10 and FY09 Comparison of Regions' Runway Incursions

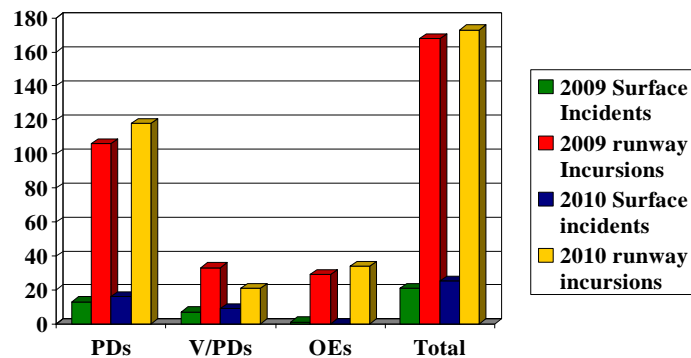
FY10 Vs FY09

FY 2010				
REGION	OE/D	PD	VPD	TOTAL
AAL	4	22	12	38
ACE	3	28	10	41
AEA	19	38	20	77
AGL	27	81	31	139
ANE	8	21	3	32
ANM	17	71	13	101
ASO	34	118	21	173
ASW	26	91	26	143
AWP	18	160	44	222
TOTAL	156	630	180	966

FY 2009				
REGION	OE/D	PD	VPD	TOTAL
AAL	3	19	12	34
ACE	2	11	6	19
AEA	23	48	21	92
AGL	27	82	40	149
ANE	5	16	4	25
ANM	10	71	19	100
ASO	29	106	33	168
ASW	25	74	28	127
AWP	29	172	36	237
TOTAL	153	599	199	951

Nationally - 1.6% increase in RI for FY10 from FY09.

Surface Incidents/Runway Incursions 2010 Vs 2009



Surface Incidents	13	07	01	21
Runway Incursions	106	33	29	168
Surface Incidents	16	9	00	25
Runway Incursions	118	21	34	173

FY10 Vs FY09 Comparison of Regions' Runway Incursion Categories

Runway Incursions Severity Ranking

National Goal FY10 A+B = 0.450 rate

REG	A	B	C	D	E	TOTAL
AAL			12	26		38
ACE	1		13	27		41
AEA			31	46		77
AGL			47	92		139
ANE			13	19		32
ANM			41	60		101
ASO	1		80	90		171**
ASW	1		50	92		143
AWP	1	2	96	122		221**
TOTAL	4	2	383	574		963

Runway Incursions Severity Ranking

National Goal FY09 A+B = 0.472 rate

REG	A	B	C	D	E	TOTAL
AAL			10	24		34
ACE			2	17		19
AEA			36	56		92
AGL	1		55	93		149
ANE			12	13		25
ANM	1	1	38	60		100
ASO	5	1	65	96	1	168
ASW		1	46	80		127
AWP	2		79	156		237
TOTAL	9	3	343	595	1	951

Runway Incursion Severity Classification

Category	Description
A	A serious incident in which a collision was narrowly avoided
B	Separation decreases, and there's significant potential for collision; critical corrective/evasive actions taken
C	Incident characterized by ample time and/or distance to avoid a collision
D	An incident that meets the definition of a runway incursion
E	An incident in which insufficient or conflicting evidence of the event precludes assigning another category

**There are 3 pilot deviations pending classifications - ASO has 2 and AWP has 1. These are still under review for additional information and pilot statements.

ASO FY10 and FY09 Comparison of RI Categories

RI Category/Type – FY10

CAT	OE	PD	VPD	TTL
*A		1		1
*B				
C	29	41	10	80
D	5	74	11	90
TTL	34	116	21	171**

RI Category/Type - FY09

CAT	OE	PD	VPD	TTL
*A	2	3		5
*B		1		1
C	18	34	13	65
D	9	68	19	96
TTL	29	106	33	168

** There are 2 PDs still under review and pending classification

* 83% decrease in category A/B RI totals for FY10 vs FY09

FY10 and FY09 Comparison of the 5 Larger Regions' RI Rates

2010 RI Rates Per 100K (thru 9/30)

FY10

Regions	OPS	RIs	Rate
AEA	5,887,013	76	1.29
AGL	6,261,538	139	2.22
ASO	10,443,956	173	1.66
ASW	5,921,213	143	2.42
AWP	9,973,616	222	2.23

2009 RI Rates Per 100K (thru 9/30)

FY09

Regions	OPS	RIs	Rate
AEA	6,482,588	92	1.42
AGL	6,987,184	149	2.13
ASO	11,526,217	168	1.46
ASW	6,837,824	127	1.86
AWP	11,368,021	237	2.08

FY10 Major Initiatives and Accomplishments

- Summer Initiative Program held at Nashville Int'l (BNA), Orlando Executive (ORL), Orlando-Sanford (SFB) and DeKalb-Peachtree (PDK) Airports – Reached approximately 500 pilots and provided 700 or more safety packets as handouts.
- Participated in 3 Runway Safety Broadcasts from FAA Production Studios on runway incursion causes/prevention and human factors.
- Developed an Air Traffic Manager's Guide to assist in conducting local runway safety action team meetings, which included instructions for completing an action plan.
- Provided Runway Safety familiarization training to all RVA Federal Contract Tower Managers, held in OKC.
- Participated in Regional and National Outreach Programs; i.e. NBAA and AOPA Conventions, AAAE workshops, Sun N Fun, Women in Aviation, and Caribbean Fly-Ins.
- Conducted Runway Safety Seminars at Air Traffic Collegiate Training Initiative (AT-CTI) Schools.
- Participated in ATO Tech OPS and ATCTs annual District Manager's meetings.
- In an effort to reduce and/or prevent operational errors/deviations, developed a Surface Error Reduction Plan (SERP) for ESA Terminal Managers.
- Participated in the South Florida Certificate Management Office's annual Air Carrier Safety Summit.
- Developed and distributed an Air Traffic Manager's Guide to help ATC managers with conducting local RSATs and in developing an action plan.

Other Initiatives - Ongoing

- Runway Safety Action Team Meetings/Regional/Local/Follow-ups - 24
- Hot Spots Kneeboard Charts - 15
- Operations Rain Check, Safety Seminars, Pilot/Controller Forums, WINGs, and Ops Supervisor Workshops - 39
- Flight Training Schools' Pilot Briefings - 17
- Flight Instructors Refresher Training (FIRC)/Certified Flight Instructors (CFIs) - 29
- State Aviation Directors' Events – 3
- Outreach Programs - 10